

Converting Colors

XYZ(87.4262, 91.4907, 99.1555)

Have a look what the booklet for
XYZ(87.4262, 91.4907, 99.1555)
contains.

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Color

**XYZ(87.4916, 91.6715,
99.4693)**

Conversions

Conversions Part 1

Format	Color
Hex	F7F5F5
RGB	247, 245, 245
RGB Percent	97%, 96%, 96%
CMY	0.0314, 0.0392, 0.0392
CMYK	0.00, 0.01, 0.01, 0.03
HSL	0°, 11%, 96%
HSV	0°, 1%, 97%
XYZ	87.4916, 91.6715, 99.4693
YIQ	245.5980, 1.1920, 0.4240

Conversions

Conversions Part 2

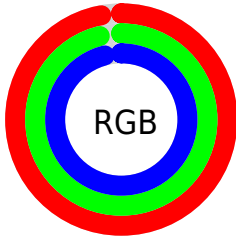
Format	Color
R_{YB}	247, 245, 245
Decimal	16250357
CIE _{Lab}	96.69, 0.67, 0.22
CIE _{LCh}	97, 0.706, 18.536
Yxy	91.6715, 0.3140, 0.3290
Android (android.graphics.Color)	4294440437 (0xFFFF7F5F5)
YUV	245.5980, -0.2948, 1.2296
Hunter-Lab	95.7452, -4.4416, 5.4255

Details

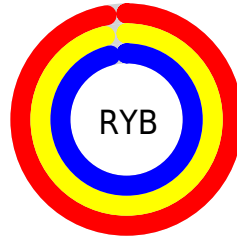
The XYZ color **87.4916, 91.6715, 99.4693** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.7056, 92.6483, 101.2573**, and the grayscale version is **87.2766, 91.8218, 99.9939**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.8688, 51.1457, 55.4406** is the 20% darker color. If you saturate the color by 10%, you get **77.0032, 76.3310, 78.5946**, and if you desaturate by 10%, it is **92.1683, 98.5144, 108.7651**.

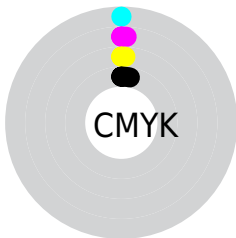
Distribution



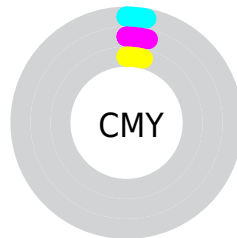
- Red (97%)
- Green (96%)
- Blue (96%)



- Red (97%)
- Yellow (96%)
- Blue (96%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (3%)



- Cyan (3%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.4916, 91.6715, 99.4693 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 87.4916, 91.6715, 99.4693 by changing the saturation by 10% instead.

87.4916, 91.6715,
99.4693

87.4916, 91.6715,
99.4693

508.1972,
533.4533, 579.7220

66.2315, 69.3678,
75.2430

142.7453,
149.6580, 162.4732

48.7287, 51.0113,
55.3090

177.4696,
186.1096, 202.0879

34.6180, 36.2176,
39.2489

217.4127,
228.0460, 247.6691

23.5339, 24.6023,
26.6441

262.9399,
275.8516, 299.6353

15.1111, 15.7810,
17.0761

314.4166,
329.9107, 358.4052

8.9842, 9.3693,
10.1262

372.2082,

4.7879, 4.9829,

390.6077, 424.3973

5.3760

436.6799,
458.3272, 498.0300

■ 2.1568, 2.2372,
2.4070

■ 0.7198, 0.7402,
0.7902

■ 87.4916, 91.6715,
99.4693

■ 87.4916, 91.6715,
99.4693

■ 77.0032, 76.3310,
78.5946

■ 92.1683, 98.5144,
108.7651

■ 67.9503, 63.0889,
60.5830

■ 60.2729, 51.8576,
45.3115

■ 53.9037, 42.5388,
32.6460

■ 48.7698, 35.0261,
22.4409

■ 44.7911, 29.2025,
14.5365

■ 41.8781, 24.9373,
8.7543

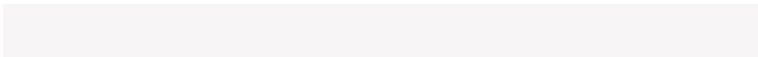
■ 39.9285, 22.0808,
4.8894

■ 38.8195, 20.4540,
2.6970

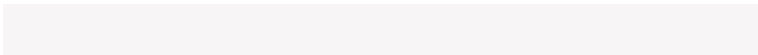
Harmonies

Analogous

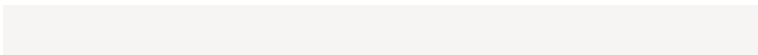
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.5038, 91.6715, 100.0310



87.4916, 91.6715, 99.4693



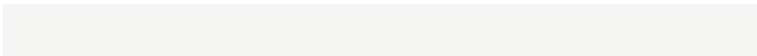
87.3827, 91.6715, 99.0018

Triad

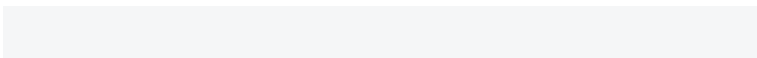
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.4916, 91.6715, 99.4693



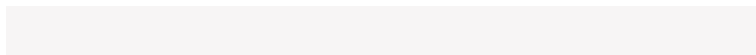
86.8467, 91.6715, 99.0962



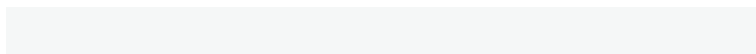
87.0555, 91.6715, 100.8845

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



87.4916, 91.6715, 99.4693



87.7056, 92.6483, 101.2573

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.8798, 91.6715, 100.6320



87.4916, 91.6715, 99.4693



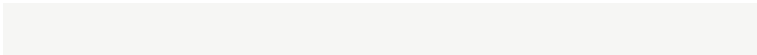
86.7593, 91.6715, 99.5986

Square

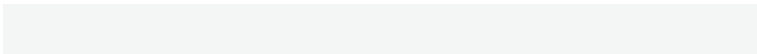
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



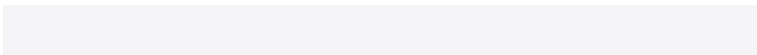
87.4916, 91.6715, 99.4693



87.0103, 91.6715, 98.7869



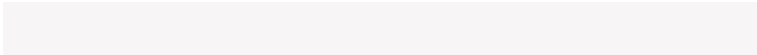
86.7714, 91.6715, 100.1609



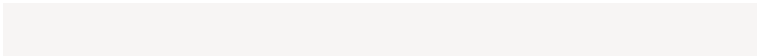
87.2518, 91.6715, 100.8495

Rectangle

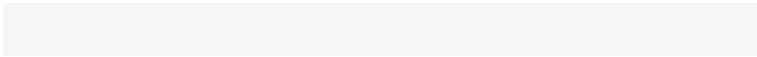
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



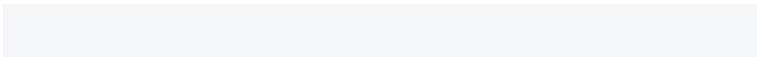
87.4916, 91.6715, 99.4693



87.2701, 91.6715, 98.8058



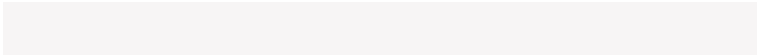
86.7714, 91.6715, 100.1609



86.9921, 91.6715, 100.8304

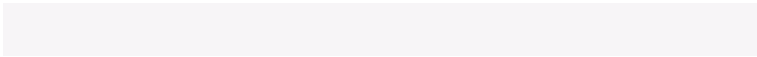
Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



87.4942, 91.6754, 99.4713

95.0500, 100.0000, 108.9000



87.8000, 91.7958, 101.0878



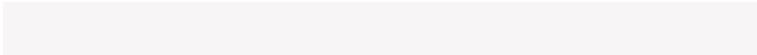
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

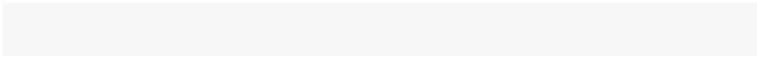
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.4942, 91.6754, 99.4713



93.8356, 98.2239, 106.4832



87.7963, 92.2797, 99.5720



18.4039, 19.2698, 20.8953



20.2902, 10.4661, 0.9507



1.7842, 0.9217, 0.0839

Inverse Universe

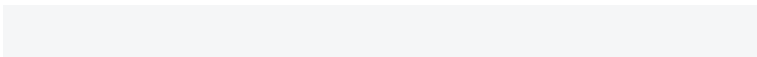
The Inverse Universe completely reimagines the original color for something new.



87.7056, 92.6483, 101.2573



94.1164, 99.5163, 108.8558



87.4018, 92.0408, 101.1561



18.4560, 19.5096, 21.3356



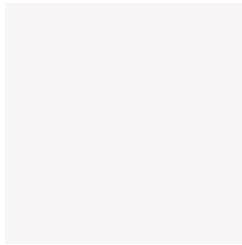
26.3902, 38.5742, 52.5927



2.3204, 3.3921, 4.6227

Previews

White Background



This preview shows how the XYZ color 87.4916, 91.6715, 99.4693 looks on a white background.

Color Contrast Check

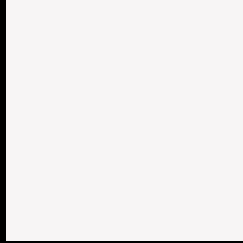
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 87.4916, 91.6715, 99.4693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

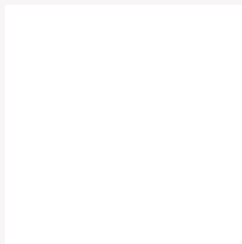
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.4916, 91.6715, 99.4693

Background



This preview shows how black text looks on a background with the XYZ color 87.4916, 91.6715, 99.4693.

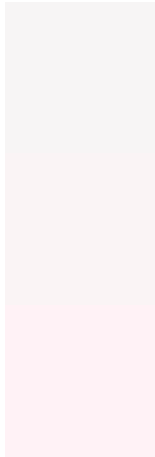


This preview shows how white text looks on a background with the XYZ color 87.4916, 91.6715,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

87.4916, 91.6715, 99.4693

Protanopia

88.2565, 91.6179, 99.4186

Deuteranopia

89.6267, 91.4181, 100.1104



Tritanopia

89.1121, 91.8778, 107.6452

Trichromacy



Original Color

87.4916, 91.6715, 99.4693

Protanomaly

87.8990, 91.4337, 99.4019

Deuteranomaly

88.8300, 91.4505, 100.1586

Tritanomaly

88.4747, 91.6229, 104.2887

Monochromacy



Original Color

87.4916, 91.6715, 99.4693

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

87.5964, 92.1582, 100.3603

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.4916, 91.6715, 99.4693 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(247, 245, 245) looks like.

```
.text, #text, p{  
    color:rgb(247, 245, 245)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(247, 245, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 245, 245) }
```

Border

The CSS property to change the border of an element to XYZ 87.4916, 91.6715, 99.4693 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 245, 245) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(247, 245, 245) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(247, 245, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 245, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 245, 245);  
box-shadow:4px 4px 4px 4px rgb(247, 245,  
245) }
```


Background

The CSS property to change the background color of an element to XYZ 87.4916, 91.6715, 99.4693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 245, 245) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(247,  
245, 245) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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